REMARKS

Reconsideration and withdrawal of the rejections of the application are respectfully requested in view of the amendments and remarks herewith, which place the application into condition for allowance. The present amendment is being made to facilitate prosecution of the application.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-5 and 7-10 are pending in this application. Claims 1-5 are hereby amended to correct minor grammatical errors. Claim 6 is hereby canceled without prejudice or disclaimer of subject matter. Claims 7-10 are hereby added. Support for these new claims is provided at least at pages 9, 10 and 15 and FIG. 4. No new matter has been introduced by this amendment. Changes to claims 1-5 are not made for the purpose of patentability within the meaning of 35 U.S.C. §101, §102, §103, or §112. Rather, these changes are made simply for clarification and to round out the scope of protection to which Applicant is entitled.

The Abstract was objected to due to informalities. Applicant has amended the Abstract, thereby obviating the objection. Claims 3-6 were rejected as allegedly indefinite. Applicant has amended claims 3-5, thereby obviating the rejection. The cancellation of claim 6 renders the rejection moot.

II. 35 U.S.C. § 103(a) REJECTIONS

Claims 1-5 and 7-10 are pending. Claims 1, 5 and 10 are independent. Claims 1 and 3 were rejected under 35 U.S.C. §103(a) as allegedly unpatenable over U.S. Patent No. 5,878,262

to Shoumura et al. ("Shoumura") in view of U.S. Patent No. 5,367,685 to Gosling ("Gosling").

Claims 2, 4 and 5 were rejected under 35 U.S.C. §103(a) as allegedly unpatenable over

Shoumura in view of Gosling, as applied to claims 1 and 3, and further in view of U.S. Patent

No. 5,721,924 to Kitadate ("Kitadate").

The rejection of claims 1 and 3 is respectfully traversed because Shoumura and Gosling,

taken alone or in combination, fail to teach or suggest the features of the claimed invention. The

rejection of claims 2, 4 and 5 is respectfully traversed because Shoumura, Gosling and Kitadate,

taken alone or in combination, fail to teach or suggest the features of the claimed invention.

Independent claim 1 recites, *inter alia*:

"A method for creating componentware in which a first componentware and a second
componentware...are linked to each other during loading onto a system, comprising...
creating external list data indicative of a relationship between the first symbol name and
the first symbol ID;
generating the second componentware by replacing a second symbol name, adapted to be
a reference source for the first componentware, with a second symbol ID,
wherein the second symbol ID is adapted to identify the second symbol name as a
function of the external list data; and
creating second table data indicative of a relationship between the second symbol name
and the second symbol ID,
wherein the first componentware and the second componentware are linked to each other
as a function of the first table data and the second table data." (emphasis added)

As understood by Applicant, Shoumura relates to a program development support system

that integrally manages a variety of information necessary for the development of a program by

creating necessary links between information such as source programs to be employed for the

development of the program, program parts, tools, specifications, handling persons and so on, by

managing such information as resource information and by retaining attribute information of the

links. The program development support system has a store means for storing program

development information; a create means for creating attribute information on an attribute of the

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program development information and link information between each of the program development information. The support system also has a management means for managing the program development information, the attribute information created by the create means and the link information. The support system provides a system-structuring element creating means for creating a system-structuring element using the link information.

As understood by Applicant, Gosling relates to a hybrid compiler-interpreter comprising a compiler for "compiling" source program code, and an interpreter for interpreting the "compiled" code. The compiler includes a code generator that generates code in intermediate form with data references made on a symbolic basis. The interpreter includes a main interpretation routine, and two data reference handling routines, a dynamic field reference routine for handling symbolic references, and a static field reference routine for handling numeric references. The main interpretation routine selectively invokes the two data reference handling routines depending on whether the data reference in an instruction is a symbolic or a numeric reference.

Applicant submits that neither Shoumura nor Gosling, taken alone or in combination, teach or suggest creating external list data indicative of a relationship between the first symbol name and the first symbol ID; generating second componentware by replacing a second symbol name, adapted to be a reference source for the first componentware, with a second symbol ID, where the second symbol ID is adapted to identify the second symbol name as a function of the external list data, as recited in claim 1.

Furthermore, Applicant has found nothing in Shoumura or Gosling, taken alone or in combination, that would teach or suggest creating second table data indicative of a relationship between the second symbol name and the second symbol ID, as recited in claim 1.

Thus, Applicant respectfully submits that claim 1 is allowable.

Independent claim 5 recites, *inter alia*:

"A recording medium adapted to record componentware comprising...
symbol ID data, adapted to identify corresponding symbol name data,
    wherein <u>the symbol ID data is described as a function of corresponding symbol location</u>
<u>and as a function of a component ID adapted to identify at least a portion of the componentware,</u>
    wherein <u>particular symbol name data is replaced by corresponding symbol ID data.</u>"
(emphasis added)

As understood by Applicant, Kitadate relates to a variable determining method to obtain

a variable in a program having a specific variable name and referred to from a specific position

according to the specific position and the specific name in a source program. According to

section information obtained by splitting the source program at a block start position and a block

end position, block tree structure information representing a relationship in a set of blocks, and

variable-name-to-block correspondence information indicating blocks in which a variable having

a same variable name is defined, a referred-to variable is determined by comparing a path in the

block tree structure information with the set of blocks associated with the specific variable name.

Applicant respectfully submits that nothing has been found in Shoumura, Gosling or

Kitadate, taken alone or in combination, that would teach or suggest that symbol ID data is

described as a function of corresponding symbol location and as a function of a component ID

that identifies at least a portion of the componentware, and particular symbol name data is

replaced by corresponding symbol ID data, as recited in claim 5.

Accordingly, Applicant submits that claim 5 is allowable.

New independent claim 10 is directed to a recording medium that includes a symbol

reference information table that stores reference component data, a component ID, that identifies

corresponding componentware, and a symbol ID, that includes symbol identification information

for corresponding componentware. A correspondence data table determines whether the

component ID and the symbol ID correspond to particular reference component data. An indication of a correspondence is generated when a correspondence is determined and the symbol ID is unique for the particular reference component data. Also, the componentware is adapted to be linked to external componentware.

Applicant respectfully submits that new claim 10 is allowable.

The other claims in this application are each dependent from one or another of the independent claims discussed above and are therefore believed patentable for the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.
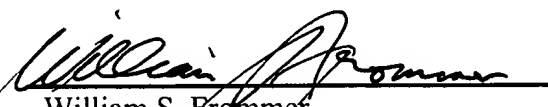
CONCLUSION

While Applicant notes that the Office Action indicates additional art, which was not used as a basis of rejection, Applicant does not represent that an exhaustive review of such additional art has been performed.

Statements appearing above in respect to the disclosures in the cited references represent the present opinions of the undersigned attorney and, in the event the Examiner disagrees with any of such opinions, it is respectfully requested that the Examiner specifically indicate those portions of the references providing the basis for a contrary view.

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In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicant respectfully requests favorable reconsideration and early passage to issue of the present application.

Respectfully submitted,
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